

SD421

U683

1948



FOREST FIRE STATISTICS

.... Calendar Year - 1948

This is a compilation of forest fire statistics covering the Calendar Year 1948 as reported to the United States Forest Service by its field offices, cooperating States, and the Department of the Interior, Soil Conservation Service and Tennessee Valley Authority.

The figures are shown separately by the individual States reporting and totals are also given for certain geographical groups of States. The tabulation is prepared in the following sections:

SUMMARY OF FOREST FIRE STATISTICS FOR 1948

Giving areas needing protection; areas protected and unprotected; number of fires, area burned, and estimated damage to both protected and unprotected forest lands (Pages 1 to 4).

NUMBER OF FOREST FIRES BY CAUSE AND SIZE

For protected areas only (Pages 5 to 8).

AREAS BURNED AND ESTIMATED DAMAGE

For protected areas only (Pages 9 to 12).

The statistics shown are as complete as could be compiled from reports submitted by State and Federal protection agencies but no claim is made as to their completeness or accuracy.

Since no field organizations are established in unprotected areas to report fires, the statistics on such unprotected areas are merely the best estimates by the States. They are likewise incomplete as no estimates could be obtained for Arizona, Nebraska, North Dakota and Wyoming.

The estimates on fire damage should be used with caution. They admittedly are low because they fail to include the full and complete tangible and direct damage to timber and improvements as well as the vast amount of intangible and indirect losses resulting from forest fires, such as those caused by decay of fire damaged timber, replacement of desirable tree species by less valuable ones, soil deterioration and erosion, uncertain streamflow, destruction of game, interruption of tourist use and travel, and the like.

Prepared by

Division of Cooperative Forest Protection - Forest Service
U. S. Department of Agriculture - Washington, D.C.

SUMMARY OF FOREST FIRE STATISTICS FOR THE UNITED STATES -- CALENDAR YEAR 1946

FOR PROTECTED AND UNPROTECTED AREAS, BY STATES AND GROUPS OF STATES

(Group totals are indicated following the individual States of the group)

GROUP AND STATE	PERIOD and OWNERSHIP	FOREST AREA			NUMBER OF FIRES				AREA BURNED				BURNED PORTION OF AREA		DAMAGES			
		Needling Protection	Pro-protected	Unpro-protected	TOTAL	On Protected Area	On Unprotected Area		TOTAL	On Protected Area	On Unprotected Area		Pro-protected	Unpro-protected	TOTAL	On Protected Area	On Unprotected Area	
		M Acres	M Acres	M Acres	Number	Number %	Number %		Acres	Acres %	Acres %		%	%	Dollars	Dollars %	Dollars %	
UNITED STATES (Exclusive of Alaska)	1946 Federal State & Private TOTAL	217,722 438,894 656,722	217,724 339,463 557,187	4 99,531 99,535	6,681 167,508 174,189	6,681 61,095 67,776	100 36 39	-- 106,413 106,413	312,173 1,961,644 2,273,817	312,173 1,961,644 2,273,817	100 12 88	-- 88 86	.14 .15 .11	-- 14.35 14.85	2,633,153 29,628,661 32,461,804	2,633,153 6,125,688 8,760,041	100 21 27	-- 23,701,763 23,701,763
ALASKA	1946 Federal Private TOTAL	165,828 Data Incomplete 165,828	50,368 Data Incomplete 50,368	135,460 Data Incomplete 135,460	114 Data Incomplete 114	114 Data Incomplete 114	100 Data Incomplete 100		33,731 Data Incomplete 33,731	33,731 Data Incomplete 33,731	100 Data Incomplete 100		.11 Data Incomplete .11	-- Data Incomplete --	Data Incomplete Data Incomplete Data Incomplete			
ROCKY MOUNTAIN GROUP																		
ARIZONA	1946 Federal State & Private TOTAL	20,415 Data Incomplete 20,415	20,415 Data Incomplete 20,415	-- Data Incomplete --	1,419 Data Incomplete 1,419	1,419 Data Incomplete 1,419	100 Data Incomplete 100	-- Data Incomplete --	40,090 Data Incomplete 40,090	40,090 Data Incomplete 40,090	100 Data Incomplete 100	-- Data Incomplete --	.20 Data Incomplete .20	-- Data Incomplete --	154,946 Data Incomplete 154,946	154,946 Data Incomplete 154,946	100 Data Incomplete 100	-- Data Incomplete --
COLORADO	1946 Federal State & Private TOTAL	17,535 7,475 25,060	17,535 6,624 24,339	-- 851 851	219 248 467	219 245 465	100 99 100	-- 2 2	1,781 4,832 6,613	1,781 4,762 6,543	100 99 99	-- 70 70	.01 .07 .03	-- .01 .01	5,281 30,419 35,660	5,281 30,174 35,435	100 99 99	-- 245 245
IDAHO	1946 Federal State & Private TOTAL	22,821 7,122 29,943	22,821 5,170 27,991	-- 1,852 1,932	362 333 695	362 243 605	100 70 70	-- 22 10	39,517 54,153 93,710	39,517 53,730 93,247	100 62 78	-- 36 22	.17 .65 .25	-- 1.05 1.05	99,454 170,385 269,839	99,454 105,774 205,238	100 62 76	-- 64,611 64,611
MONTANA	1946 Federal State & Private TOTAL	17,858 6,162 24,020	17,858 6,162 24,020	-- -- --	163 125 289	163 125 289	100 100 100	-- -- --	3,831 255 4,106	3,831 255 4,106	100 100 100	-- -- --	.02 .00 .02	-- -- --	529,643 2,032 531,675	529,643 2,032 531,675	100 100 100	-- -- --
NEBRASKA	1946 Federal State & Private TOTAL	227 Data Incomplete 227	227 Data Incomplete 227	-- -- --	3 Data Incomplete 3	3 Data Incomplete 3	100 -- 100	-- -- --	1 Data Incomplete 1	1 Data Incomplete 1	100 -- 100	-- -- --	.00 Data Incomplete .00	-- -- --	60 Data Incomplete 60	60 Data Incomplete 60	100 -- 100	-- -- --
NEVADA	1946 Federal State & Private TOTAL	10,429 2,801 13,230	10,429 1,550 11,979	-- 1,271 1,271	43 81 124	43 61 104	100 73 84	-- 20 20	21,847 9,669 31,516	21,847 4,669 26,516	100 43 64	-- 52 16	.21 .31 .22	-- .59 .29	47,064 13,000 60,064	47,064 7,000 54,064	100 54 90	-- 6,000 6,000
NEW MEXICO	1946 Federal State & Private TOTAL	15,659 5,977 19,656	15,659 1,056 16,715	-- 2,921 2,921	452 51 503	452 47 499	100 92 99	-- 4 4	3,333 221 3,554	3,333 216 3,549	100 98 100	-- 2 2	.02 .02 .02	-- .00 .00	55,791 278 56,069	55,791 274 56,065	100 99 100	-- 4 4
SOUTH DAKOTA	1946 Federal State & Private TOTAL	1,425 500 1,925	1,425 500 1,925	-- -- --	72 71 143	72 71 143	100 100 100	-- -- --	62 351 413	62 321 383	100 100 100	-- -- --	.04 .06 .05	-- -- --	3,842 5,957 9,799	3,842 5,957 9,799	100 100 100	-- -- --
UTAH	1946 Federal State & Private TOTAL	17,007 5,455 22,973	17,007 4,895 21,603	-- 1,370 1,370	132 192 324	132 169 301	100 88 93	-- 23 23	6,533 42,849 49,382	6,533 26,849 33,382	100 63 68	-- 16,000 16,000	.04 .58 .15	-- 1.17 1.17	21,358 85,413 106,782	21,358 53,423 74,782	100 78 75	-- 27,000 27,000
WYOMING	1946 Federal State & Private TOTAL	11,371 1,806 13,177	11,371 41 11,412	-- 1,767 1,767	192 Data Incomplete 192	192 Data Incomplete 192	100 -- 100	-- -- --	3,465 Data Incomplete 3,465	3,465 Data Incomplete 3,465	100 -- 100	-- -- --	.03 Data Incomplete .03	-- -- --	727,570 Data Incomplete 727,570	727,570 Data Incomplete 727,570	100 -- 100	-- -- --
GROUP TOTAL	1946 Federal State & Private TOTAL	134,795 25,811 160,606	134,795 25,679 160,474	-- 10,132 10,132	3,037 1,032 4,129	3,037 953 4,020	100 89 97	-- 119 119	121,062 112,340 233,402	121,062 70,802 181,864	100 63 62	-- 57 18	.09 .28 .12	-- .41 .41	1,635,000 307,494 1,942,494	1,635,000 20,634 1,655,634	100 68 95	-- 27,660 27,660

1/ Includes 15,390,000 acres State and privately owned non-timbered watersheds.

2/ 1946 increases in "Federal" acreage due to resurveys and readjustments in Department of Interior forest acreages.

PACIFIC GROUP																				
CALIFORNIA	1948 Federal	23,689	23,689	--	592	592	100	--	--	87,787	87,787	100	--	--	.37	--	812,390	812,390	100	--
	State & Private	19,698	19,698	--	2,134	2,134	100	--	--	124,106	124,106	100	--	--	.63	--	1,121,823	1,121,823	100	--
	TOTAL	43,387	43,387	--	2,726	2,726	100	--	--	211,893	211,893	100	--	--	.49	--	1,934,293	1,934,293	100	--
HAWAII	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	2,504	2,504	--	1	1	100	--	--	2	2	100	--	--	.00	--	50	50	100	--
	TOTAL	2,504	2,504	--	1	1	100	--	--	2	2	100	--	--	.00	--	50	50	100	--
OREGON	1948 Federal	20,730	20,730	--	492	492	100	--	--	944	944	100	--	--	.00	--	8,312	8,312	100	--
	State & Private	12,446	12,446	--	505	505	100	--	--	3,037	3,037	100	--	--	.02	--	69,255	69,255	100	--
	TOTAL	33,176	33,176	--	997	997	100	--	--	3,981	3,981	100	--	--	.01	--	77,567	77,567	100	--
WASHINGTON	1948 Federal	12,709	12,709	--	151	151	100	--	--	135	135	100	--	--	.00	--	534	534	100	--
	State & Private	12,874	12,874	--	512	512	100	--	--	6,224	6,224	100	--	--	.06	--	200,032	200,032	100	--
	TOTAL	25,583	25,583	--	663	663	100	--	--	6,359	6,359	100	--	--	.02	--	200,566	200,566	100	--
GROUP TOTAL	1948 Federal	57,128	57,128	--	1,225	1,225	100	--	--	88,667	88,667	100	--	--	.16	--	821,326	821,326	100	--
	State & Private	47,522	47,522	--	3,152	3,152	100	--	--	133,459	133,459	100	--	--	.29	--	1,391,160	1,391,160	100	--
	TOTAL	104,650	104,650	--	4,377	4,377	100	--	--	222,126	222,126	100	--	--	.21	--	2,212,486	2,212,486	100	--
EASTERN GROUP																				
CONNECTICUT	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	1,907	1,907	--	531	531	100	--	--	1,335	1,335	100	--	--	.07	--	6,449	6,449	100	--
	TOTAL	1,907	1,907	--	531	531	100	--	--	1,335	1,335	100	--	--	.07	--	6,449	6,449	100	--
DELAWARE	1948 Federal	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	440	440	--	58	58	100	--	--	332	332	100	--	--	.08	--	2,721	2,721	100	--
	TOTAL	441	441	--	58	58	100	--	--	332	332	100	--	--	.08	--	2,721	2,721	100	--
KENTUCKY	1948 Federal	545	545	--	58	58	100	--	--	2,164	2,164	100	--	--	.40	--	2,398	2,398	100	--
	State & Private	11,258	3,714	7,544	4,043	784	19	3,229	81	286,469	25,943	9	250,780	91	.69	3.46	502,096	40,622	8	461,474
	TOTAL	11,803	4,259	7,544	4,101	842	21	3,259	79	288,633	27,913	10	250,720	90	.66	3.46	504,494	45,020	9	461,474
MAINE	1948 Federal	95	95	--	3	3	100	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	16,683	16,683	--	814	814	100	--	--	7,840	7,840	100	--	--	.04	--	135,435	135,435	100	--
	TOTAL	16,778	16,778	--	817	817	100	--	--	7,840	7,840	100	--	--	.04	--	135,435	135,435	100	--
MARYLAND	1948 Federal	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	2,686	2,686	--	221	221	100	--	--	872	872	100	--	--	.03	--	4,849	4,849	100	--
	TOTAL	2,686	2,686	--	221	221	100	--	--	872	872	100	--	--	.03	--	4,849	4,849	100	--
MASSACHUSETTS	1948 Federal	3	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	3,286	3,286	--	1,473	1,473	100	--	--	3,390	3,390	100	--	--	.10	--	27,920	27,920	100	--
	TOTAL	3,289	3,289	--	1,473	1,473	100	--	--	3,390	3,390	100	--	--	.10	--	27,920	27,920	100	--
NEW HAMPSHIRE	1948 Federal	670	670	--	5	5	100	--	--	1	1	100	--	--	.00	--	--	--	--	
	State & Private	4,143	4,143	--	501	501	100	--	--	2,660	2,660	100	--	--	.06	--	22,244	22,244	100	--
	TOTAL	4,813	4,813	--	506	506	100	--	--	2,661	2,661	100	--	--	.06	--	22,244	22,244	100	--
NEW JERSEY	1948 Federal	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	2,294	2,294	--	908	908	100	--	--	7,274	7,274	100	--	--	.32	--	66,870	66,870	100	--
	TOTAL	2,295	2,295	--	908	908	100	--	--	7,274	7,274	100	--	--	.32	--	66,870	66,870	100	--
NEW YORK	1948 Federal	7	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	13,423	13,423	--	1,308	1,308	100	--	--	13,313	13,313	100	--	--	.10	--	65,966	65,966	100	--
	TOTAL	13,430	13,430	--	1,308	1,308	100	--	--	13,313	13,313	100	--	--	.10	--	65,966	65,966	100	--
PENNSYLVANIA	1948 Federal	476	476	--	11	11	100	--	--	198	198	100	--	--	.04	--	831	831	100	--
	State & Private	14,644	14,644	--	842	842	100	--	--	12,706	12,706	100	--	--	.09	--	41,303	41,303	100	--
	TOTAL	15,120	15,120	--	853	853	100	--	--	12,904	12,904	100	--	--	.09	--	42,134	42,134	100	--
RHODE ISLAND	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	452	452	--	209	209	100	--	--	976	976	100	--	--	.22	--	4,601	4,601	100	--
	TOTAL	452	452	--	209	209	100	--	--	976	976	100	--	--	.22	--	4,601	4,601	100	--
VERMONT	1948 Federal	208	208	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	3,659	3,659	--	223	223	100	--	--	765	765	100	--	--	.02	--	6,917	6,917	100	--
	TOTAL	3,866	3,866	--	223	223	100	--	--	765	765	100	--	--	.02	--	6,917	6,917	100	--

GROUP AND STATE	PERIOD and OWNERSHIP	FOREST AREA			NUMBER OF FIRES				AREA BURNED				BURNED PORTION OF AREA		DAMAGES			
		Needing Protection	Pro- tected	Unpro- tected	TOTAL	On Protected Area	On Unprotected Area	TOTAL	On Protected Area	On Unprotected Area	Pro- tected	Unpro- tected	TOTAL	On Protected Area	On Unprotected Area			
		M Acres	M Acres	M Acres	Number	Number %	Number %	Acres	Acres %	Acres %	%	%	Dollars	Dollars %	Dollars %			
EASTERN GROUP (Continued)																		
VIRGINIA	1948 Federal	1,659	1,659	--	22	22 100	-- --	402	402 100	-- --	.02	--	1,340	1,340 100	-- --			
	State & Private	13,036	13,036	--	1,006	1,006 100	-- --	7,763	7,763 100	-- --	.06	--	31,576	31,576 100	-- --			
	TOTAL	14,695	14,695	--	1,028	1,028 100	-- --	8,165	8,165 100	-- --	.06	--	32,916	32,916 100	-- --			
WEST VIRGINIA	1948 Federal	910	910	--	7	7 100	-- --	138	138 100	-- --	.02	--	808	808 100	-- --			
	State & Private	9,050	9,050	--	1,142	1,142 100	-- --	29,279	29,279 100	-- --	.32	--	143,058	143,058 100	-- --			
	TOTAL	9,960	9,960	--	1,149	1,149 100	-- --	29,417	29,417 100	-- --	.30	--	143,866	143,866 100	-- --			
GROUP TOTAL	1948 Federal	4,576	4,576	--	106	106 100	-- --	2,903	2,903 100	-- --	.06	--	4,877	4,877 100	-- --			
	State & Private	96,959	96,959	7,544	13,339	10,080 76	3,259 24	374,394	113,674 30	260,720 70	.13	3.46	1,062,006	600,531 57	461,474 43			
	TOTAL	101,535	98,991	7,544	13,445	10,186 76	3,259 24	377,297	116,577 31	260,720 69	.12	3.46	1,066,882	605,408 57	461,474 43			
SOUTHERN GROUP																		
ALABAMA	1948 Federal	720	720	--	141	141 100	-- --	2,047	2,047 100	-- --	.28	--	3,342	3,342 100	-- --			
	State & Private	18,045	16,836	1,209	9,920	5,561 56	4,359 44	489,056	293,239 42	235,807 18	1.21	23.47	699,408	313,941 45	385,467 35			
	TOTAL	18,765	17,556	1,209	10,061	5,702 57	4,359 43	489,113	295,506 42	233,807 18	1.17	23.47	702,750	316,283 45	386,467 35			
ARKANSAS	1948 Federal	2,475	2,475	--	152	152 100	-- --	3,493	3,493 100	-- --	.14	--	4,648	4,648 100	-- --			
	State & Private	18,343	11,877	6,471	13,343	4,043 30	9,300 70	431,933	89,953 14	372,000 86	.50	5.75	512,816	140,816 27	372,000 73			
	TOTAL	20,818	14,352	6,471	13,495	4,195 31	9,300 69	435,446	63,445 15	372,000 85	.44	5.75	517,464	148,464 28	372,000 72			
FLORIDA	1948 Federal	1,318	1,318	--	115	115 100	-- --	3,404	3,404 100	-- --	.25	--	4,435	4,435 100	-- --			
	State & Private	21,553	7,730	13,823	24,979	3,689 15	21,290 85	2,412,545	107,645 4	2,304,900 96	1.59	16.67	1,748,614	89,664 5	1,659,950 95			
	TOTAL	22,871	9,048	13,823	25,094	3,804 15	21,290 85	2,415,949	111,049 5	2,304,900 95	1.23	16.67	1,753,049	93,099 5	1,659,950 95			
GEORGIA	1948 Federal	1,033	1,029	4	56	56 100	-- --	2,757	2,757 100	-- --	.27	--	8,478	8,478 100	-- --			
	State & Private	21,705	8,825	12,880	9,565	2,449 26	7,114 74	1,256,031	60,581 5	1,195,500 95	.69	9.28	2,822,556	133,596 5	2,689,000 95			
	TOTAL	22,738	9,854	12,884	9,619	2,505 26	7,114 74	1,258,788	63,538 5	1,195,500 95	.64	9.28	2,831,074	142,074 5	2,689,000 95			
LOUISIANA	1948 Federal	587	587	--	142	142 100	-- --	2,939	2,939 100	-- --	.50	--	2,690	2,690 100	-- --			
	State & Private	14,065	7,755	6,300	6,498	4,958 77	1,500 23	741,970	141,970 19	600,000 81	1.83	9.52	290,074	208,074 73	73,000 27			
	TOTAL	14,652	8,342	6,300	6,640	5,140 77	1,500 23	744,909	144,909 19	600,000 81	1.74	9.52	292,764	207,764 73	75,000 27			
MISSISSIPPI	1948 Federal	1,155	1,155	--	407	407 100	-- --	9,221	9,221 100	-- --	.80	--	22,479	22,479 100	-- --			
	State & Private	16,449	8,461	7,988	37,513	5,270 14	32,243 86	2,000,316	130,199 7	1,870,119 93	1.54	23.41	4,493,065	290,554 6	4,182,802 94			
	TOTAL	17,605	9,617	7,988	37,920	5,677 15	32,243 85	2,009,539	139,410 7	1,870,119 93	1.45	23.41	4,495,545	312,743 7	4,182,802 93			
NORTH CAROLINA	1948 Federal	1,474	1,474	--	94	94 100	-- --	1,940	1,940 100	-- --	.13	--	4,542	4,542 100	-- --			
	State & Private	16,978	14,521	2,457	2,244	2,115 94	129 6	129,274	124,895 97	4,379 3	.86	.18	176,535	161,825 92	15,010 8			
	TOTAL	18,452	15,995	2,457	2,338	2,109 94	129 6	131,214	126,835 97	4,379 3	.79	.18	181,077	166,357 92	15,010 8			
OKLAHOMA	1948 Federal	402	402	--	74	74 100	-- --	3,656	3,656 100	-- --	.91	--	6,099	6,099 100	-- --			
	State & Private	9,799	2,197	7,602	10,729	729 7	10,000 93	3,034,783	34,785 1	3,000,000 99	1.28	29.46	4,689,747	129,747 3	4,500,000 97			
	TOTAL	10,201	2,599	7,602	10,803	803 7	10,000 93	3,038,441	38,441 1	3,000,000 99	1.48	29.46	4,695,846	135,846 3	4,500,000 97			
SOUTH CAROLINA	1948 Federal	629	629	--	47	47 100	-- --	882	882 100	-- --	.14	--	844	844 100	-- --			
	State & Private	10,776	10,776	--	3,523	3,523 100	-- --	53,595	53,599 100	-- --	.50	--	144,009	144,009 100	-- --			
	TOTAL	11,405	11,405	--	3,570	3,572 100	-- --	54,481	54,481 100	-- --	.48	--	144,853	144,853 100	-- --			
TENNESSEE	1948 Federal	983	983	--	165	165 100	-- --	1,889	1,889 100	-- --	.19	--	5,121	5,121 100	-- --			
	State & Private	11,994	4,537	7,457	4,497	1,897 42	2,600 58	51,065	51,065 10	450,000 90	1.17	5.69	1,129,905	110,584 10	1,018,300 90			
	TOTAL	12,977	5,540	7,457	4,662	2,062 44	2,600 56	52,954	52,954 11	450,000 89	.99	5.69	1,129,905	110,405 10	1,018,300 90			
TEXAS	1948 Federal	736	736	--	292	292 100	-- --	4,010	4,010 100	-- --	.54	--	29,130	29,130 100	-- --			
	State & Private	14,061	9,138	4,913	13,552	3,352 25	10,000 75	3,302,566	392,566 12	3,000,000 88	4.30	61.06	7,387,486	1,302,436 19	6,000,000 81			
	TOTAL	14,787	9,874	4,913	13,644	3,644 27	10,000 73	3,306,576	396,576 12	3,000,000 88	4.02	61.06	7,416,616	1,410,616 19	6,000,000 81			
GROUP TOTAL	1948 Federal	11,513	11,509	4	1,685	1,685 100	-- --	36,233	36,233 100	-- --	.31	--	90,808	90,808 100	-- --			
	State & Private	173,753	102,473	71,280	136,163	37,628 28	98,535 72	14,441,222	1,360,517 9	13,080,705 91	1.33	18.55	23,922,435	3,100,006 13	20,822,429 87			
	TOTAL	185,266	113,982	71,284	137,848	39,313 29	98,535 71	14,477,450	1,396,755 10	13,080,705 90	1.23	18.55	24,013,243	3,190,814 13	20,822,429 87			

NORTH CENTRAL GROUP																															
ILLINOIS	1948 Federal	238	238	--	42	42	100	--	--	1,252	1,252	100	--	--	.53	--	1,537	1,537	100	--	--										
	State & Private	4,005	4,005	--	304	304	100	--	--	11,255	11,255	100	--	--	.28	--	25,589	25,589	100	--	--										
	TOTAL	4,323	4,323	--	346	346	100	--	--	12,507	12,507	100	--	--	.29	--	26,126	26,126	100	--	--										
INDIANA	1948 Federal	98	98	--	2	2	100	--	--	50	50	100	--	--	.05	--	57	57	100	--	--										
	State & Private	3,862	3,862	--	518	518	100	--	--	11,962	11,962	100	--	--	.31	--	62,028	62,028	100	--	--										
	TOTAL	3,960	3,960	--	520	520	100	--	--	12,012	12,012	100	--	--	.30	--	62,085	62,085	100	--	--										
IOWA	1948 Federal	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
	State & Private	2,256	2,256	--	51	51	100	--	--	672	672	100	--	--	.03	--	1,344	1,344	100	--	--										
	TOTAL	2,261	2,261	--	51	51	100	--	--	672	672	100	--	--	.03	--	1,344	1,344	100	--	--										
MICHIGAN	1948 Federal	2,568	2,568	--	73	73	100	--	--	2,078	2,078	100	--	--	.08	--	14,826	14,826	100	--	--										
	State & Private	17,808	17,808	--	2,021	2,021	100	--	--	15,993	15,993	100	--	--	.09	--	103,644	103,644	100	--	--										
	TOTAL	20,376	20,376	--	2,094	2,094	100	--	--	18,071	18,071	100	--	--	.09	--	118,470	118,470	100	--	--										
MINNESOTA	1948 Federal	3,444	3,444	--	80	80	100	--	--	51,515	51,515	100	--	--	1.50	--	56,990	56,990	100	--	--										
	State & Private	19,665	19,665	--	1,559	1,559	100	--	--	113,070	113,070	100	--	--	.67	--	225,676	225,676	100	--	--										
	TOTAL	23,109	23,109	--	1,639	1,639	100	--	--	164,585	164,585	100	--	--	.71	--	283,666	283,666	100	--	--										
MISSOURI	1948 Federal	1,349	1,349	--	298	298	100	--	--	5,540	5,540	100	--	--	.41	--	14,538	14,538	100	--	--										
	State & Private	15,664	5,089	10,575	6,979	2,429	35	4,500	65	999,276	99,276	10	900,000	90	1.95	8.51	2,543,573	293,573	12	2,250,000	88										
	TOTAL	17,013	6,438	10,575	7,227	2,727	38	4,500	62	1,004,816	104,816	10	900,000	90	1.63	8.51	2,558,111	308,111	12	2,250,000	88										
NORTH DAKOTA	1948 Federal	41	41	--	1	1	100	--	--	1	1	100	--	--	.00	--	--	--	--	--	--										
	State & Private	Data Incomplete	41	--	1	1	100	--	--	1	1	100	--	--	.00	--	--	--	--	--	--										
	TOTAL	41	41	--	1	1	100	--	--	1	1	100	--	--	.00	--	--	--	--	--	--										
OHIO	1948 Federal	93	93	--	10	10	100	--	--	26	26	100	--	--	.03	--	--	--	--	--	--										
	State & Private	5,494	5,494	--	513	513	100	--	--	7,115	7,115	100	--	--	.13	--	16,279	16,279	100	--	--										
	TOTAL	5,587	5,587	--	523	523	100	--	--	7,141	7,141	100	--	--	.13	--	16,279	16,279	100	--	--										
WISCONSIN	1948 Federal	1,880	1,880	--	102	102	100	--	--	2,621	2,621	100	--	--	.14	--	3,194	3,194	100	--	--										
	State & Private	16,115	16,115	--	1,877	1,877	100	--	--	23,849	23,849	100	--	--	.15	--	95,424	95,424	100	--	--										
	TOTAL	17,995	17,995	--	1,979	1,979	100	--	--	26,470	26,470	100	--	--	.15	--	98,618	98,618	100	--	--										
GROUP TOTAL	1948 Federal	9,716	9,716	--	608	608	100	--	--	63,063	63,063	100	--	--	.65	--	91,142	91,142	100	--	--										
	State & Private	84,949	74,374	10,575	13,772	9,272	67	4,500	33	1,183,192	283,192	24	900,000	76	.38	8.51	3,075,557	825,557	27	2,250,000	73										
	TOTAL	94,665	84,090	10,575	14,380	9,880	69	4,500	31	1,246,255	346,255	28	900,000	72	.41	8.51	3,166,699	916,699	29	2,250,000	71										

NUMBER OF FOREST FIRES IN THE UNITED STATES BY CAUSE AND SIZE - CALENDAR YEAR 1948

PROTECTED AREAS ONLY - BY STATES AND GROUPS OF STATES

GROUP AND STATE	PERIOD and OWNERSHIP	NUMBER OF FIRES - BY CAUSE									NUMBER OF FIRES - BY SIZE			
		Lightning	Railroads	Campers	Smokers	Debris Burning	Incon- diary	Lumbering	Miscel- laneous	TOTAL	Under 1/4 Acre	1/4 - 10 Acres	Over 10 Acres	TOTAL
UNITED STATES (Exclusive of Alaska)	1948 Federal State & Private TOTAL	3,021 2,571 4,592	123 4,402 4,525	549 2,815 3,064	1,382 13,606 14,988	195 10,905 11,101	857 19,130 20,047	89 1,751 1,840	464 7,355 7,819	6,681 61,093 67,776	3,442 8,700 12,142	2,554 30,200 33,234	935 21,413 22,400	6,681 61,093 67,776
ALASKA	1948 Federal Private TOTAL	21 Data Incomplete 21	17 17	14 14	17 17	25 25	3 3	-- --	17 17	114 114	35 35	47 47	32 32	114 114
ROCKY MOUNTAIN GROUP														
ARIZONA	1948 Federal State & Private TOTAL	1,115 Data Incomplete 1,115	12 12	81 81	133 133	10 10	1 1	12 12	55 55	1,419 1,419	930 930	390 390	109 109	1,419 1,419
COLORADO	1948 Federal State & Private TOTAL	107 38 145	15 55 70	39 42 81	42 27 69	5 28 33	-- -- --	5 3 8	6 53 59	219 246 465	149 125 275	51 83 134	19 57 65	219 246 465
IDAHO	1948 Federal State & Private TOTAL	245 76 322	1 25 26	29 10 39	68 46 108	6 29 35	1 8 9	3 2 5	14 47 61	352 243 605	259 154 333	46 54 100	57 65 122	352 243 605
MONTANA	1948 Federal State & Private TOTAL	103 59 162	-- 13 13	22 25 47	34 18 52	1 4 5	-- 1 1	-- 2 2	3 4 7	163 126 289	124 93 219	29 25 55	10 5 15	163 126 289
NEBRASKA	1948 Federal State & Private TOTAL	1 Data Incomplete 1	1 1	-- --	1 1	-- --	-- --	-- --	-- --	3 3	2 2	1 1	-- --	3 3
NEVADA	1948 Federal State & Private TOTAL	20 2 22	2 21 23	6 4 10	5 17 22	4 6 10	2 -- 2	-- -- --	4 11 15	43 61 104	15 16 31	5 39 44	23 6 29	43 61 104
NEW MEXICO	1948 Federal State & Private TOTAL	380 34 414	4 -- 4	23 -- 23	29 10 39	3 1 4	2 -- 2	7 1 8	4 1 5	452 47 499	272 26 298	160 16 176	20 5 25	452 47 499
SOUTH DAKOTA	1948 Federal State & Private TOTAL	45 24 69	2 8 10	4 -- 4	16 8 24	1 14 15	-- 1 1	1 -- 1	3 16 19	73 71 143	51 41 92	18 23 41	3 7 10	72 71 143
UTAH	1948 Federal State & Private TOTAL	59 17 76	-- 24 24	29 11 40	31 28 59	1 34 35	4 2 6	1 -- 1	8 53 61	132 169 301	87 32 119	29 57 86	16 80 96	132 169 301
WYOMING	1948 Federal State & Private TOTAL	103 Data Incomplete 103	-- --	41 41	32 32	6 6	2 2	1 1	7 7	192 192	147 147	50 50	15 15	192 192
GROUP TOTAL	1948 Federal State & Private TOTAL	2,178 250 2,428	37 146 163	274 92 366	335 154 539	37 116 163	12 12 24	50 8 33	104 183 289	3,057 943 4,020	2,035 460 2,495	749 233 1,047	272 205 477	3,057 943 4,020

PACIFIC GROUP															
CALIFORNIA	1948 Federal	150	14	76	220	22	34	21	55	592	590	144	53	592	
	State & Private	111	80	76	651	427	224	77	488	2,134	1,122	721	291	2,134	
	TOTAL	261	94	152	871	449	258	98	543	2,726	1,512	865	349	2,726	
HAWAII	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	--	--	--	1	--	--	--	--	1	--	1	--	1	
	TOTAL	--	--	--	1	--	--	--	--	1	--	1	--	1	
OREGON	1948 Federal	349	5	31	55	9	6	5	22	482	415	52	15	482	
	State & Private	150	26	31	91	53	11	69	74	505	328	144	33	505	
	TOTAL	499	31	62	146	62	17	74	96	987	743	196	48	987	
WASHINGTON	1948 Federal	106	1	10	20	5	--	2	7	151	151	19	2	151	
	State & Private	102	31	41	83	55	6	23	161	512	376	123	13	512	
	TOTAL	208	32	51	103	60	6	25	168	663	507	141	15	663	
GROUP TOTAL	1948 Federal	605	20	117	295	35	40	29	84	1,225	936	214	75	1,225	
	State & Private	363	137	148	831	535	241	174	723	3,152	1,826	989	337	3,152	
	TOTAL	968	167	265	1,126	571	281	202	807	4,377	2,762	1,203	412	4,377	
EASTERN GROUP															
CONNECTICUT	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	--	37	13	162	165	25	3	126	531	112	388	31	531	
	TOTAL	--	37	13	162	165	25	3	126	531	112	388	31	531	
DELAWARE	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	--	33	--	3	15	--	1	6	58	6	47	5	58	
	TOTAL	--	33	--	3	15	--	1	6	58	6	47	5	58	
KENTUCKY	1948 Federal	1	2	8	15	9	13	1	9	59	2	34	22	58	
	State & Private	--	24	95	187	210	93	15	160	784	8	273	503	784	
	TOTAL	1	26	103	202	219	106	16	169	842	10	307	525	842	
MAINE	1948 Federal	2	--	1	--	--	--	--	--	3	3	--	--	3	
	State & Private	141	16	83	213	104	33	39	180	814	291	460	63	814	
	TOTAL	143	16	84	213	104	33	39	180	817	294	460	63	817	
MARYLAND	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	--	56	4	108	69	18	1	25	281	71	194	16	281	
	TOTAL	--	56	4	108	69	18	1	25	281	71	194	16	281	
MASSACHUSETTS	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	--	147	12	272	568	164	--	310	1,473	514	911	48	1,473	
	TOTAL	--	147	12	272	568	164	--	310	1,473	514	911	48	1,473	
NEW HAMPSHIRE	1948 Federal	3	--	2	--	--	--	--	--	5	4	1	--	5	
	State & Private	43	59	20	165	109	19	12	74	501	233	244	29	501	
	TOTAL	46	59	22	165	109	19	12	74	506	237	245	29	506	
NEW JERSEY	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	--	165	13	498	118	91	--	23	908	310	525	72	908	
	TOTAL	--	165	13	498	118	91	--	23	908	310	525	72	908	
NEW YORK	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	29	127	223	481	285	29	--	134	1,308	511	745	252	1,308	
	TOTAL	29	127	223	481	285	29	--	134	1,308	511	745	252	1,308	
PENNSYLVANIA	1948 Federal	--	4	--	5	1	--	--	1	11	2	5	4	11	
	State & Private	--	214	164	209	119	34	3	99	842	33	500	509	842	
	TOTAL	--	218	164	214	120	34	3	100	853	35	505	513	853	
RHODE ISLAND	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	1	14	2	23	24	8	2	150	209	63	123	23	209	
	TOTAL	1	14	2	23	24	8	2	150	209	63	123	23	209	
VERMONT	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	9	48	7	40	64	4	4	47	225	77	123	18	223	
	TOTAL	9	48	7	40	64	4	4	47	223	77	123	18	223	

GROUP AND STATE	PERIOD and OWNERSHIP	NUMBER OF FIRES - BY CAUSE									NUMBER OF FIRES - BY SIZE			
		Lightning	Railroads	Campers	Smokers	Debris Burning	Incendiary	Lumbering	Miscellaneous	TOTAL	Under 1/4 Acre	1/4 - 10 Acres	Over 10 Acres	TOTAL
EASTERN GROUP (Continued)														
VIRGINIA	1948 Federal	4	1	--	9	--	6	--	2	22	4	12	6	22
	State & Private	9	107	41	310	190	104	17	238	1,006	147	638	223	1,006
	TOTAL	13	108	41	319	190	110	17	240	1,028	151	650	229	1,028
WEST VIRGINIA	1948 Federal	--	3	--	1	--	2	--	1	7	--	4	3	7
	State & Private	3	121	43	385	153	220	13	198	1,142	139	525	477	1,142
	TOTAL	3	124	43	387	153	222	13	199	1,149	139	529	480	1,149
GROUP TOTAL	1948 Federal	10	10	11	30	10	21	1	13	106	15	55	35	106
	State & Private	235	1,153	720	3,062	2,193	847	110	1,740	10,080	2,310	5,701	2,069	10,080
	TOTAL	245	1,173	731	3,092	2,203	868	111	1,753	10,186	2,325	5,757	2,104	10,186
SOUTHERN GROUP														
ALABAMA	1948 Federal	15	3	13	55	4	32	1	18	141	15	73	51	141
	State & Private	34	523	174	1,275	933	2,033	181	603	5,561	100	2,635	2,823	5,561
	TOTAL	49	526	187	1,330	937	2,070	182	621	5,702	115	2,710	2,877	5,702
ARKANSAS	1948 Federal	69	1	2	24	11	17	3	23	152	53	63	36	152
	State & Private	35	101	79	1,472	407	1,492	100	277	4,043	293	2,399	1,051	4,043
	TOTAL	104	102	81	1,496	418	1,509	103	302	4,195	286	2,462	1,087	4,195
FLORIDA	1948 Federal	28	--	4	23	2	18	4	6	115	29	55	31	115
	State & Private	115	106	46	220	375	2,501	96	240	3,899	85	1,014	1,609	3,899
	TOTAL	173	106	50	243	377	2,519	90	246	3,804	115	1,069	1,720	3,804
GEORGIA	1948 Federal	2	2	3	23	5	12	1	10	56	9	24	23	56
	State & Private	19	237	54	291	519	730	73	531	2,449	122	1,290	1,037	2,449
	TOTAL	21	239	57	314	522	732	79	541	2,505	131	1,314	1,060	2,505
LOUISIANA	1948 Federal	3	4	3	25	2	91	--	14	142	5	82	53	142
	State & Private	10	69	70	586	523	3,159	221	290	4,993	191	2,694	2,113	4,993
	TOTAL	13	73	73	611	525	3,250	221	304	5,140	196	2,776	2,166	5,140
MISSISSIPPI	1948 Federal	9	4	11	99	8	245	9	22	407	53	253	99	407
	State & Private	21	99	55	534	815	2,934	137	675	5,270	70	2,657	2,563	5,270
	TOTAL	30	103	66	633	823	3,179	146	697	5,677	123	2,812	2,662	5,677
NORTH CAROLINA	1948 Federal	5	3	6	28	2	42	--	9	94	13	45	36	94
	State & Private	37	134	154	676	593	317	33	166	2,115	115	999	1,001	2,115
	TOTAL	42	137	160	704	595	369	33	175	2,209	128	1,044	1,037	2,209
OKLAHOMA	1948 Federal	11	2	11	25	4	11	--	9	74	16	20	28	74
	State & Private	10	6	33	89	29	542	3	17	729	40	357	302	729
	TOTAL	21	8	44	115	33	553	3	26	803	56	407	340	803
SOUTH CAROLINA	1948 Federal	2	3	1	13	1	23	--	2	47	4	27	16	47
	State & Private	30	293	95	1,108	647	973	80	294	3,525	233	2,255	1,022	3,525
	TOTAL	32	296	96	1,121	648	1,003	80	296	3,572	237	2,282	1,038	3,572
TENNESSEE	1948 Federal	3	10	33	40	37	23	--	9	165	11	109	44	165
	State & Private	3	103	362	252	433	572	83	83	1,997	87	1,073	732	1,997
	TOTAL	11	113	395	292	472	600	83	94	2,062	98	1,185	778	2,062
TEXAS	1948 Federal	4	2	20	123	11	91	--	39	292	53	161	63	292
	State & Private	4	49	95	997	403	1,217	274	307	3,352	313	1,064	1,975	3,352
	TOTAL	8	51	116	1,122	419	1,308	274	346	3,644	276	1,225	2,038	3,644
GROUP TOTAL	1948 Federal	195	34	105	431	63	612	18	163	1,685	271	915	499	1,685
	State & Private	818	1,520	1,218	7,500	5,758	16,470	1,363	3,485	37,623	1,955	19,362	16,311	37,623
	TOTAL	904	1,554	1,324	7,931	5,821	17,082	1,381	3,648	39,313	2,226	20,277	16,810	39,313

NORTH CENTRAL GROUP															
ILLINOIS	1948 Federal	1	2	3	23	2	9	--	--	42	4	21	17	42	
	State & Private	--	8	47	48	127	7	--	67	304	7	77	220	304	
	TOTAL	1	10	50	73	129	16	--	67	346	11	98	237	346	
INDIANA	1948 Federal	--	--	--	1	--	--	--	1	2	--	1	1	2	
	State & Private	--	96	7	135	173	17	5	85	518	88	231	199	518	
	TOTAL	--	96	7	136	173	17	5	86	520	88	232	200	520	
IOWA	1948 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	
	State & Private	2	16	1	11	10	--	--	11	51	6	28	17	51	
	TOTAL	2	16	1	11	10	--	--	11	51	6	28	17	51	
MICHIGAN	1948 Federal	14	10	6	28	2	--	5	8	73	35	34	4	73	
	State & Private	97	388	72	694	349	53	37	332	2,021	451	1,521	249	2,021	
	TOTAL	111	398	78	722	350	53	42	340	2,094	483	1,555	253	2,094	
MINNESOTA	1948 Federal	9	--	18	21	14	13	2	3	80	49	18	13	80	
	State & Private	14	471	65	327	454	31	19	140	1,569	261	856	442	1,559	
	TOTAL	23	471	83	348	468	44	21	151	1,639	610	874	455	1,639	
MISSOURI	1948 Federal	1	1	9	67	--	156	4	60	298	48	187	63	298	
	State & Private	3	26	68	194	756	1,283	15	84	2,429	161	1,213	1,055	2,429	
	TOTAL	4	27	77	261	766	1,439	19	164	2,727	209	1,400	1,118	2,727	
NORTH DAKOTA	1948 Federal	1	--	--	--	--	--	--	--	1	1	--	--	1	
	State & Private	Data Incomplete	--	--	--	--	--	--	--	--	--	--	--	--	
	TOTAL	1	--	--	--	--	--	--	--	1	1	--	--	1	
OHIO	1948 Federal	--	--	--	6	1	1	--	2	10	2	8	--	10	
	State & Private	1	79	5	71	153	45	3	173	513	34	323	154	513	
	TOTAL	1	79	5	77	154	46	3	180	523	36	331	154	523	
WISCONSIN	1948 Federal	16	9	5	43	9	13	1	6	102	45	51	6	102	
	State & Private	88	347	74	579	271	164	17	317	1,677	341	879	157	1,677	
	TOTAL	104	356	79	622	280	197	18	323	1,779	386	930	163	1,779	
GROUP TOTAL	1948 Federal	42	22	41	191	28	178	12	100	608	164	320	104	608	
	State & Private	205	1,431	337	2,059	2,502	1,650	96	1,222	9,272	2,149	4,650	2,453	9,272	
	TOTAL	247	1,453	378	2,250	2,530	1,792	108	1,322	9,880	2,313	4,970	2,557	9,880	

AREAS BURNED AND DAMAGES BY FOREST FIRES IN THE UNITED STATES, BY TYPE CLASSER - CALENDAR YEAR 1948

PROTECTED AREAS ONLY - BY STATES AND GROUPS OF STATES

GROUP AND STATE	PERIOD and OWNERSHIP	TOTAL FOREST AREA NEEDING PROTECTION	FOREST AREA PROTECTED		PROTECTED AREA BURNED				DAMAGE ON PROTECTED AREA			
					Forest Land	Non-Forest Land	TOTAL	Average Area per Fire	Timber Resources	Non-Timber Resources	TOTAL	Average per Acre
					Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars	Dollars
UNITED STATES (Exclusive of Alaska)	1948 Federal	217,728,546	217,724,546	100.0	117,645	194,628	312,173	46.7	484,619	2,203,334	2,683,153	8.43
	State & Private	439,993,917	339,468,984	77.3	1,678,079	295,556	1,973,644	32.1	4,167,655	1,969,232	6,136,887	5.12
	TOTAL	656,722,163	557,193,530	84.8	1,795,724	490,184	2,285,907	39.5	4,952,274	4,172,566	9,124,840	5.65
ALASKA	1948 Federal	165,827,655	30,367,655	18.3	25,174	7,557	32,731	295.9	Data Incomplete			
	Private	Data Incomplete										
	TOTAL	165,827,655	30,367,655	18.3	25,174	7,557	32,731	295.9	Data Incomplete			
ROCKY MOUNTAIN GROUP												
ARIZONA	1948 Federal	20,415,198	20,415,198	100.0	28,363	11,727	40,090	28.3	103,431	49,495	154,946	3.66
	State & Private	Data Incomplete										
	TOTAL	20,415,198	20,415,198	100.0	28,363	11,727	40,090	28.3	103,431	49,495	154,946	3.66
COLORADO	1948 Federal	17,594,912	17,594,912	100.0	1,674	107	1,781	8.1	1,540	3,621	5,161	2.95
	State & Private	7,475,348	6,623,708	88.6	2,229	2,523	4,752	19.4	17,750	12,424	30,174	6.54
	TOTAL	25,060,260	24,218,620	96.6	3,913	2,630	6,543	14.1	19,290	16,045	35,335	5.42
IDAHO	1948 Federal	22,821,110	22,821,110	100.0	2,677	35,840	38,517	109.2	9,015	90,449	99,464	2.52
	State & Private	7,122,000	5,170,461	72.6	1,358	32,402	33,760	138.6	1,560	103,814	105,374	3.14
	TOTAL	29,943,110	27,991,571	93.5	4,035	68,242	72,277	121.1	10,575	194,263	204,838	2.60
MONTANA	1948 Federal	17,657,822	17,657,822	100.0	2,431	1,420	3,851	23.6	7,766	521,977	529,743	137.03
	State & Private	6,162,000	6,162,000	100.0	100	155	255	2.0	495	1,537	2,032	7.97
	TOTAL	24,019,822	24,019,822	100.0	2,531	1,575	4,106	14.2	8,261	523,514	531,775	129.49
NEBRASKA	1948 Federal	227,339	227,339	100.0	--	1	1	.3	--	60	60	60.00
	State & Private	Data Incomplete										
	TOTAL	227,339	227,339	100.0	--	1	1	.3	--	60	60	60.00
NEVADA	1948 Federal	10,429,033	10,429,033	100.0	14,095	7,752	21,847	508.1	3,671	43,353	47,024	2.15
	State & Private	2,801,121	1,530,405	54.6	4,669	--	4,669	76.5	800	6,600	7,400	1.50
	TOTAL	13,230,154	11,899,438	90.4	18,764	7,752	26,516	255.0	4,471	49,953	54,424	2.04
NEW MEXICO	1948 Federal	15,659,540	15,659,540	100.0	3,101	224	3,325	7.4	35,041	2,700	37,741	10.76
	State & Private	3,977,000	1,055,865	26.5	165	50	215	4.6	188	86	274	1.27
	TOTAL	19,636,540	16,715,405	85.1	3,266	274	3,541	7.1	35,229	2,786	38,015	10.18
SOUTH DAKOTA	1948 Federal	1,422,644	1,422,644	100.0	612	9	621	6.6	3,635	7	3,642	6.19
	State & Private	500,000	500,000	100.0	228	63	291	4.5	916	5,041	5,957	18.56
	TOTAL	1,922,644	1,922,644	100.0	840	72	912	6.6	4,551	5,048	9,599	10.40
UTAH	1948 Federal	17,007,090	17,007,090	100.0	2,316	4,757	7,073	49.9	526	20,633	21,159	5.51
	State & Private	5,966,119	4,596,000	77.0	26,666	183	26,859	158.9	32,715	15,670	48,385	2.13
	TOTAL	22,973,209	21,603,090	94.0	29,982	4,940	34,922	111.1	33,479	36,303	69,782	2.39
WYOMING	1948 Federal	11,370,546	11,370,546	100.0	3,050	416	3,466	18.1	10,615	716,755	727,370	209.92
	State & Private	1,808,000	41,000	2.3	Data Incomplete							
	TOTAL	13,178,546	11,411,546	86.6	3,050	416	3,466	18.1	10,615	716,755	727,370	209.92
GROUP TOTAL	1948 Federal	134,795,234	134,795,234	100.0	58,519	62,763	121,282	52.6	175,760	1,449,232	1,625,000	15.42
	State & Private	35,811,558	25,679,439	71.7	25,456	35,276	60,732	73.5	24,452	128,192	152,644	7.15
	TOTAL	170,606,792	160,474,673	94.1	83,975	98,039	181,014	47.7	200,212	1,577,424	1,777,644	11.55

PACIFIC GROUP												
CALIFORNIA	1948 Federal	23,698,878	23,698,878	100.0	13,340	74,447	87,787	148.3	133,064	679,316	812,330	9.25
	State & Private	19,698,395	19,698,395	100.0	110,325	13,681	124,006	59.2	16,106	1,105,717	1,121,823	9.03
	TOTAL	43,397,273	43,397,273	100.0	123,665	88,328	211,993	77.8	149,170	1,785,033	1,934,153	9.12
HAWAII	1948 Federal	--	--	--	--	--	--	--	--	--	--	--
	State & Private	2,503,537	2,503,537	100.0	2	--	2	2.0	50	--	50	25.00
	TOTAL	2,503,537	2,503,537	100.0	2	--	2	2.0	50	--	50	25.00
OREGON	1948 Federal	20,729,911	20,729,911	100.0	648	296	944	2.0	7,262	1,030	8,312	8.81
	State & Private	12,446,036	12,446,036	100.0	1,692	1,345	3,037	6.0	43,774	23,481	69,255	22.80
	TOTAL	33,175,947	33,175,947	100.0	2,340	1,641	3,981	4.0	51,036	26,511	77,567	19.48
WASHINGTON	1948 Federal	12,709,129	12,709,129	100.0	94	42	136	.9	234	400	634	4.66
	State & Private	12,873,551	12,873,551	100.0	4,309	1,905	6,214	12.1	104,142	95,890	200,032	32.19
	TOTAL	25,582,680	25,582,680	100.0	4,403	1,947	6,350	9.6	104,376	96,290	200,666	31.60
GROUP TOTAL	1948 Federal	57,127,918	57,127,918	100.0	14,082	74,785	88,867	72.5	140,560	680,755	821,326	9.24
	State & Private	47,521,569	47,521,569	100.0	116,328	17,131	133,459	42.3	164,072	1,227,003	1,391,160	10.42
	TOTAL	104,649,487	104,649,487	100.0	130,410	91,916	222,326	50.8	304,632	1,907,758	2,212,486	9.95
EASTERN GROUP												
CONNECTICUT	1948 Federal	--	--	--	--	--	--	--	--	--	--	--
	State & Private	1,907,000	1,907,000	100.0	818	517	1,335	2.5	3,659	2,750	6,449	4.83
	TOTAL	1,907,000	1,907,000	100.0	818	517	1,335	2.5	3,659	2,750	6,449	4.83
DELAWARE	1948 Federal	685	685	100.0	--	--	--	--	--	--	--	--
	State & Private	440,000	440,000	100.0	332	--	332	5.7	2,516	205	2,721	8.20
	TOTAL	440,685	440,685	100.0	332	--	332	5.7	2,516	205	2,721	8.20
KENTUCKY	1948 Federal	545,012	545,012	100.0	1,586	578	2,164	37.3	1,864	534	2,398	1.11
	State & Private	11,258,000	3,714,419	33.0	23,749	--	23,749	32.8	40,622	--	40,622	1.59
	TOTAL	11,803,012	4,259,431	36.1	27,335	578	27,913	33.2	42,486	534	43,020	1.54
MAINE	1948 Federal	95,654	95,654	100.0	--	--	--	--	--	--	--	--
	State & Private	16,683,000	16,683,000	100.0	7,240	--	7,240	8.9	123,810	11,625	135,435	18.71
	TOTAL	16,778,654	16,778,654	100.0	7,240	--	7,240	8.9	123,810	11,625	135,435	18.71
MARYLAND	1948 Federal	1,134	1,134	100.0	--	--	--	--	--	--	--	--
	State & Private	2,685,000	2,685,000	100.0	787	85	872	3.1	4,530	319	4,849	5.56
	TOTAL	2,686,134	2,686,134	100.0	787	85	872	3.1	4,530	319	4,849	5.56
MASSACHUSETTS	1948 Federal	3,151	3,151	100.0	--	--	--	--	--	--	--	--
	State & Private	3,286,000	3,286,000	100.0	3,590	--	3,590	2.3	27,920	--	27,920	8.24
	TOTAL	3,289,151	3,289,151	100.0	3,590	--	3,590	2.3	27,920	--	27,920	8.24
NEW HAMPSHIRE	1948 Federal	669,799	669,799	100.0	1	--	1	.2	--	--	--	--
	State & Private	4,143,394	4,143,394	100.0	2,173	487	2,660	5.3	12,464	9,780	22,244	8.36
	TOTAL	4,813,193	4,813,193	100.0	2,174	487	2,661	5.3	12,464	9,780	22,244	8.36
NEW JERSEY	1948 Federal	844	844	100.0	--	--	--	--	--	--	--	--
	State & Private	2,294,000	2,294,000	100.0	6,717	557	7,274	8.0	61,930	4,940	66,870	9.19
	TOTAL	2,294,844	2,294,844	100.0	6,717	557	7,274	8.0	61,930	4,940	66,870	9.19
NEW YORK	1948 Federal	6,707	6,707	100.0	--	--	--	--	--	--	--	--
	State & Private	13,423,000	13,423,000	100.0	8,139	5,174	13,313	10.2	61,270	4,696	65,966	4.96
	TOTAL	13,429,707	13,429,707	100.0	8,139	5,174	13,313	10.2	61,270	4,696	65,966	4.96
PENNSYLVANIA	1948 Federal	475,719	475,719	100.0	198	--	198	18.0	664	167	831	4.30
	State & Private	14,644,000	14,644,000	100.0	11,557	1,149	12,706	15.1	35,558	4,745	41,303	3.25
	TOTAL	15,119,719	15,119,719	100.0	11,755	1,149	12,904	15.1	37,222	4,912	42,134	3.27
RHODE ISLAND	1948 Federal	--	--	--	--	--	--	--	--	--	--	--
	State & Private	452,000	452,000	100.0	535	441	976	4.7	3,661	940	4,601	4.71
	TOTAL	452,000	452,000	100.0	535	441	976	4.7	3,661	940	4,601	4.71
VERMONT	1948 Federal	208,067	208,067	100.0	--	--	--	--	--	--	--	--
	State & Private	3,657,862	3,657,862	100.0	347	418	765	3.4	2,277	4,640	6,917	9.04
	TOTAL	3,865,919	3,865,919	100.0	347	418	765	3.4	2,277	4,640	6,917	9.04

GROUP AND STATE	PERIOD and OWNERSHIP	TOTAL FOREST AREA NEEDING PROTECTION	FOREST AREA PROTECTED		PROTECTED AREA BURNED				DAMAGE ON PROTECTED AREA			
					Forest Land	Non-Forest Land	TOTAL	Average Area per Fire	Timber Resources	Non-Timber Resources	TOTAL	Average per Acre
EASTERN GROUP (Continued)												
VIRGINIA	1948 Federal	1,658,887	1,658,887	100.0	400	2	402	18.3	107	1,233	1,340	3.33
	State & Private	13,036,000	13,036,000	100.0	6,784	999	7,783	7.7	22,830	8,746	31,576	4.06
	TOTAL	14,694,887	14,694,887	100.0	7,184	1,001	8,185	8.0	22,937	9,979	32,916	4.02
WEST VIRGINIA	1948 Federal	910,100	910,100	100.0	133	--	133	19.7	176	132	308	2.25
	State & Private	9,050,000	9,050,000	100.0	27,103	2,174	29,279	25.6	155,568	7,470	163,038	4.89
	TOTAL	9,960,100	9,960,100	100.0	27,241	2,176	29,417	25.6	155,744	7,602	163,346	4.87
GROUP TOTAL	1948 Federal	4,575,749	4,575,749	100.0	2,323	580	2,903	27.4	2,811	2,065	4,877	1.68
	State & Private	96,959,256	96,959,256	92.2	101,671	12,003	113,674	11.3	539,615	60,915	600,531	5.28
	TOTAL	101,535,005	101,535,005	92.6	103,994	12,583	116,577	11.4	542,428	62,982	605,410	5.19
SOUTHERN GROUP												
ALABAMA	1948 Federal	720,016	720,016	100.0	1,933	54	2,047	14.5	3,007	335	3,342	1.63
	State & Private	18,044,933	18,044,933	93.3	201,511	1,749	203,259	36.6	201,184	12,057	213,241	1.54
	TOTAL	18,764,949	18,764,949	93.6	203,504	1,802	205,306	36.0	204,191	12,392	216,583	1.54
ARKANSAS	1948 Federal	2,474,633	2,474,633	100.0	3,399	204	3,493	23.0	3,381	1,257	4,638	1.33
	State & Private	18,348,193	18,348,193	84.7	59,895	57	59,953	14.8	140,759	57	140,816	2.35
	TOTAL	20,822,826	20,822,826	83.9	63,185	261	63,446	15.1	144,140	1,314	145,454	2.29
FLORIDA	1948 Federal	1,318,320	1,318,320	100.0	3,170	234	3,404	29.6	3,039	1,398	4,437	1.30
	State & Private	21,553,117	21,553,117	35.9	106,495	1,149	107,645	29.2	84,855	3,803	88,658	.82
	TOTAL	22,871,437	22,871,437	39.6	109,665	1,383	111,049	29.2	87,893	5,201	93,094	.84
GEORGIA	1948 Federal	1,032,786	1,032,786	99.5	1,878	879	2,757	49.2	7,689	789	8,478	3.08
	State & Private	21,705,024	21,705,024	40.7	47,141	13,440	60,581	24.7	103,857	29,729	133,586	2.21
	TOTAL	22,737,810	22,737,810	43.3	49,019	14,319	63,338	25.3	111,546	30,518	142,064	2.24
LOUISIANA	1948 Federal	537,241	537,241	100.0	2,339	--	2,339	20.7	2,681	9	2,690	.92
	State & Private	14,055,000	14,055,000	55.2	141,970	--	141,970	33.4	203,074	--	203,074	1.44
	TOTAL	14,592,241	14,592,241	57.0	144,309	--	144,309	28.2	205,755	9	205,764	1.43
MISSISSIPPI	1948 Federal	1,155,105	1,155,105	100.0	7,898	1,323	9,221	22.7	17,324	5,155	22,479	2.44
	State & Private	16,449,000	16,449,000	51.4	101,740	29,459	131,199	24.7	231,835	33,409	265,244	2.23
	TOTAL	17,604,105	17,604,105	54.6	109,638	29,782	139,420	24.6	249,159	38,564	287,723	2.24
NORTH CAROLINA	1948 Federal	1,474,446	1,474,446	100.0	1,872	68	1,940	20.6	3,969	573	4,542	2.34
	State & Private	18,977,457	18,977,457	85.5	72,629	59,265	131,894	39.1	145,052	15,773	160,825	1.30
	TOTAL	20,451,903	20,451,903	86.7	74,501	59,334	133,835	37.4	150,021	16,346	166,367	1.31
OKLAHOMA	1948 Federal	401,603	401,603	100.0	2,317	1,309	3,626	49.4	3,237	2,802	6,039	1.67
	State & Private	9,799,177	9,799,177	22.4	34,745	40	34,785	47.7	129,011	735	129,747	3.73
	TOTAL	10,200,780	10,200,780	25.3	37,062	1,379	38,441	47.9	132,242	3,538	135,780	3.63
SOUTH CAROLINA	1948 Federal	623,553	623,553	100.0	881	1	882	18.8	216	693	909	.96
	State & Private	10,775,000	10,775,000	100.0	53,599	--	53,599	15.2	144,009	--	144,009	2.69
	TOTAL	11,398,553	11,398,553	100.0	54,480	1	54,481	15.3	144,225	693	144,918	2.65
TENNESSEE	1948 Federal	983,493	983,493	100.0	1,514	375	1,889	11.4	3,830	1,191	5,021	2.71
	State & Private	11,933,712	11,933,712	35.3	50,638	237	50,875	25.9	108,380	1,804	110,184	2.18
	TOTAL	12,917,205	12,917,205	41.2	52,152	612	52,764	25.7	112,210	3,095	115,305	2.19
TEXAS	1948 Federal	735,929	735,929	100.0	3,560	420	3,980	13.7	25,967	2,163	28,130	7.01
	State & Private	14,050,876	14,050,876	53.0	384,610	7,955	392,565	117.1	1,287,737	94,719	1,382,456	3.52
	TOTAL	14,786,805	14,786,805	66.8	388,170	8,405	396,576	103.8	1,313,704	96,882	1,410,586	3.56
GROUP TOTAL	1948 Federal	11,513,137	11,513,137	100.0	31,311	4,927	36,238	21.5	74,440	16,368	90,808	2.51
	State & Private	173,752,454	173,752,454	59.0	1,255,165	105,352	1,360,517	36.2	2,812,514	187,192	3,000,006	2.23
	TOTAL	185,265,591	185,265,591	61.5	1,286,476	110,279	1,396,755	35.3	2,887,254	203,560	3,100,814	2.23

NORTH CENTRAL GROUP													
ILLINOIS	1948 Federal	237,598	237,598	100.0	420	832	1,252	29.8	973	554	1,527	1.23	
	State & Private	4,005,000	4,005,000	100.0	3,296	7,909	11,255	37.0	11,255	15,533	26,788	2.36	
	TOTAL	4,322,598	4,322,598	100.0	3,716	8,741	12,507	56.1	12,229	16,087	28,316	2.25	
INDIANA	1948 Federal	97,937	97,937	100.0	15	35	50	25.0	39	13	57	1.14	
	State & Private	3,852,000	3,852,000	100.0	5,053	6,924	11,962	23.1	23,335	33,053	56,388	5.19	
	TOTAL	3,949,937	3,949,937	100.0	5,068	6,959	12,012	23.1	23,374	33,111	56,445	5.17	
IOWA	1948 Federal	4,749	4,749	100.0	--	--	--	--	--	--	--	--	
	State & Private	2,255,000	2,255,000	100.0	575	97	672	13.2	1,151	193	1,344	2.00	
	TOTAL	2,260,749	2,260,749	100.0	575	97	672	13.2	1,151	193	1,344	2.00	
MICHIGAN	1948 Federal	2,568,477	2,568,477	100.0	2,070	8	2,078	23.5	14,518	203	14,721	7.13	
	State & Private	17,808,000	17,808,000	100.0	10,863	5,125	15,993	7.9	52,045	51,622	103,667	6.48	
	TOTAL	20,376,477	20,376,477	100.0	12,933	5,133	18,071	8.6	66,563	51,827	118,470	6.56	
MINNESOTA	1948 Federal	3,444,245	3,444,245	100.0	3,175	48,340	51,515	643.9	7,529	49,461	56,990	1.11	
	State & Private	19,665,000	19,665,000	100.0	47,212	65,858	113,070	72.5	109,715	115,961	225,676	2.00	
	TOTAL	23,109,245	23,109,245	100.0	50,387	114,198	164,585	100.4	117,244	165,422	282,666	1.72	
MISSOURI	1948 Federal	1,348,705	1,348,705	100.0	5,355	185	5,540	18.6	6,912	7,536	14,448	2.62	
	State & Private	15,664,000	5,089,831	32.5	90,290	8,936	99,226	40.9	240,761	52,912	293,673	2.95	
	TOTAL	17,012,705	6,437,536	37.8	95,645	9,121	104,816	59.4	247,673	60,448	308,121	2.94	
NORTH DAKOTA	1948 Federal	41,559	41,559	100.0	--	1	1	1.0	--	--	--	--	
	State & Private	Data Incomplete											
	TOTAL	41,559	41,559	100.0	--	1	1	1.0	--	--	--	--	
OHIO	1948 Federal	93,132	93,132	100.0	20	6	26	2.6	--	--	--	--	
	State & Private	5,494,000	5,494,000	100.0	1,820	5,235	7,115	15.9	5,045	11,234	16,279	2.29	
	TOTAL	5,587,132	5,587,132	100.0	1,840	5,241	7,141	15.7	5,045	11,234	16,279	2.28	
WISCONSIN	1948 Federal	1,879,805	1,879,805	100.0	455	2,165	2,621	23.7	1,177	2,017	3,194	1.22	
	State & Private	16,115,000	16,115,000	100.0	10,390	13,409	23,849	12.7	42,805	52,619	95,424	4.00	
	TOTAL	17,994,805	17,994,805	100.0	10,845	15,574	26,470	15.4	43,982	54,636	98,618	3.73	
GROUP TOTAL	1948 Federal	9,716,208	9,716,208	100.0	11,510	51,573	63,083	103.8	51,243	59,894	91,142	1.44	
	State & Private	84,949,000	74,373,831	87.6	169,499	113,703	283,192	50.5	485,693	338,864	824,557	2.62	
	TOTAL	94,665,208	84,090,039	88.8	180,999	165,276	346,275	55.0	517,941	398,758	916,699	2.65	

SUMMARY OF 1948 WEATHER AND FIRE SITUATIONS

Region 1 - Comprising Montana and northern Idaho.

Favorable spring season, precipitation above normal except in few isolated spots east of Continental Divide. Fire losses below five-year average. Fire season generally easiest on record. However, September and October dry and some difficulty experienced with hunter and brush burning fires.

Region 2 - Comprising Colorado, Kansas, Nebraska, South Dakota and Wyoming.

Hot weather and deficiency in precipitation in early spring caused hazardous situation during forepart of fire season. During late May through June and early July abundant precipitation greatly reduced danger. Extremely dry conditions in late summer and fall brought on the worst fire danger experienced at any time during past ten years. These conditions prevailed alike in Colorado, Wyoming and South Dakota.

Region 3 - Comprising Arizona and New Mexico.

Arizona season marked by extreme length, severity and high winds during spring months, May to July 15. Summer rains light. Fires continued through fall months to December 1. Many more hunters' fires than usual. Large fires caused heavy damages to timber and watersheds in late June and early July.

In New Mexico drouth conditions continued during 1948 season. Summer rains light except for Santa Fe and Carson areas. Smokejumpers held down losses on Gila National Forest. High winds above normal in May, June and early July created extreme hazards. Season extended long beyond normal through late summer and fall months to November 15.

Region 4 - Comprising Utah, Nevada, southern Idaho and western Wyoming.

June and early July conditions throughout Utah, Idaho and Nevada favorable with considerable spring storms except for isolated areas. Late July, August and most of September extremely dry. Utah and Nevada recorded the 5th driest July since Weather Bureau records kept. Southern Idaho experienced extremely hot, dry and windy conditions throughout August and up to mid-September. Rainfall less than half normal during September in Utah. During latter part of August and up to mid-September States got extra period brush fires that gave much trouble resulting in larger suppression job than had experienced for years, particularly in Utah, where burned area about doubled previous year.

Region 5 - Comprising California.

Early months unusually dry, followed by favorable fire season from March through August with less than average fire load. Extremely dangerous fire weather developed in September resulting in sharply increased fire load

and several major fires in southern part of State. Critical period extended through November becoming extremely critical and resulting in one 45,000 acre fire.

Region 6 - Comprising Oregon and Washington.

Season most unusual. 1948 will be remembered as year of the "big flood" and "year without a summer." Spring fire season very favorable. Precipitation far above normal. Early season fire losses below average. Short period of critical fire weather in June. Remainder of summer unusually cool and damp. Critical fire weather first three weeks in September. Heavy rains ended fire season latter part of September. Number of fires and acreage burned on S&P lands lowest on record for Oregon. Number of fires on S&P lands lowest for Washington and acreage burned second lowest on record. Acreage burned on National Forest lands lowest on record and number of fires lowest since 1912.

Region 7 - Comprising Connecticut, Delaware, Kentucky, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia and West Virginia.

1948 fire season favorable as any on record. Well distributed rainfall during spring months kept losses to minimum. Rainfall became subnormal about August 1 in New England and drouth approached that of 1947 except that vegetation still green. Serious late fall fires in Kentucky and West Virginia. Governor closed New Hampshire woods September 15 - October 9. Brief September closures also made in Rhode Island and Massachusetts.

Region 8 - Comprising Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee and Texas.

Generally fire weather conditions favorable. States west of Mississippi River suffered late summer-early fall drouth. Louisiana and Texas losses above average. Similar drouth conditions occurred in North Carolina peat areas. Suppression difficult and expensive. Elsewhere rainfall normal or above. Alabama, Georgia and Florida enjoyed excessive well distributed rainfall.

Region 9 - Comprising Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, North Dakota, Ohio and Wisconsin.

Extreme fire hazard throughout much of 1948 in the Lake States with drouth and low water levels resulting in stubborn ground fires. Governor's proclamation closed forests in Michigan, September 30 - October 11; in Minnesota (hunting season closed) October 28 - November 4; in Wisconsin June 17 - 28 and August 27 - November 12. Minnesota and Wisconsin losses exceed 5-year averages. Missouri reports worst conditions in 10 years, plus extreme incendiariism during spring and losses double 5-year average. Central States normal spring and fall with record low losses in Ohio.

STATUS OF STATE AND PRIVATE FOREST PROTECTION, C. Y. 1948

